

(FILE 'HOME' ENTERED AT 09:51:29 ON 30 DEC 2002)

FILE 'MEDLINE, AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS,  
BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB,  
CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT, ENCOMPLIT2,  
FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, ...' ENTERED AT 09:51:47 ON  
30 DEC 2002

|    |                               |
|----|-------------------------------|
| L1 | 4216713 S DNA SEQUENCE        |
| L2 | 8396 S L1 AND LUCIFERASE      |
| L3 | 2306 S L2 AND ATP             |
| L4 | 2 S L3 AND LUCIFERINE         |
| L5 | 389 S L3 AND PYROPHOSPHATE    |
| L6 | 89 S L5 AND CHEMILUMINESCENCE |
| L7 | 1 S L6 AND CAPILARY           |
| L8 | 41 S L6 AND CAPILLARY         |
| L9 | 14 S L8 AND DIAMETER          |

FILE 'STNGUIDE' ENTERED AT 10:01:51 ON 30 DEC 2002

=> d 19 1-14 ibib

L9 ANSWER 1 OF 14 USPATFULL

ACCESSION NUMBER: 2002:337348 USPATFULL

TITLE: Secreted and transmembrane polypeptides and nucleic acids encoding the same

INVENTOR(S): Ashkenazi, Avi J., San Mateo, CA, UNITED STATES  
Baker, Kevin P., Darnestown, MD, UNITED STATES  
Botstein, David, Belmont, CA, UNITED STATES  
Desnoyers, Luc, San Francisco, CA, UNITED STATES  
Eaton, Dan L., San Rafael, CA, UNITED STATES  
Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
Fong, Sherman, Alameda, CA, UNITED STATES  
Gao, Wei-Qiang, Palo Alto, CA, UNITED STATES  
Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
Goddard, Audrey, San Francisco, CA, UNITED STATES  
Godowski, Paul J., Burlingame, CA, UNITED STATES  
Grimaldi, J. Christopher, San Francisco, CA, UNITED STATES  
Gurney, Austin L., Belmont, CA, UNITED STATES  
Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
Kuo, Sophia S., San Francisco, CA, UNITED STATES  
Napier, Mary A., Hillsborough, CA, UNITED STATES  
Pan, James, Belmont, CA, UNITED STATES  
Paoni, Nicholas F., Belmont, CA, UNITED STATES  
Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
Shelton, David L., Oakland, CA, UNITED STATES  
Stewart, Timothy A., San Francisco, CA, UNITED STATES  
Tumas, Daniel, Orinda, CA, UNITED STATES  
Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
Wood, William I., Hillsborough, CA, UNITED STATES  
PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002192706  | A1   | 20021219     |
| APPLICATION INFO.:    | US 2001-999832   | A1   | 20011024 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1998-40220, filed on 17 Mar 1998, GRANTED, Pat. No. US 6391311 |      |              |

|                       | NUMBER          | DATE     |
|-----------------------|-----------------|----------|
| PRIORITY INFORMATION: | WO 1998-US21141 | 19981007 |
|                       | WO 1998-US24855 | 19981120 |
|                       | WO 1999-US106   | 19990105 |
|                       | WO 1999-US5028  | 19990308 |
|                       | WO 1999-US5190  | 19990310 |
|                       | WO 1999-US10733 | 19990514 |
|                       | WO 1999-US12252 | 19990602 |
|                       | WO 1999-US28313 | 19991130 |
|                       | WO 1999-US28551 | 19991202 |
|                       | WO 1999-US28565 | 19991202 |
|                       | WO 1999-US30095 | 19991216 |
|                       | WO 1999-US31243 | 19991230 |
|                       | WO 1999-US31274 | 19991230 |
|                       | WO 2000-US219   | 20000105 |
|                       | WO 2000-US277   | 20000106 |
|                       | WO 2000-US376   | 20000106 |
|                       | WO 2000-US3565  | 20000211 |
|                       | WO 2000-US4341  | 20000218 |
|                       | WO 2000-US5841  | 20000302 |

|                 |               |
|-----------------|---------------|
| WO 2000-US7532  | 20000321      |
| WO 2000-US5004  | 20000224      |
| WO 2000-US6319  | 20000310      |
| WO 2000-US8439  | 20000330      |
| WO 2000-US13705 | 20000517      |
| WO 2000-US14042 | 20000522      |
| WO 2000-US14941 | 20000530      |
| WO 2000-US15264 | 20000602      |
| WO 2000-US20710 | 20000728      |
| WO 2000-US23328 | 20000824      |
| WO 2000-US32678 | 20001201      |
| WO 2000-US34956 | 20001220      |
| WO 2001-US6520  | 20010228      |
| WO 2001-US9552  | 20010322      |
| WO 2001-US17092 | 20010525      |
| WO 2001-US17800 | 20010601      |
| WO 2001-US19692 | 20010620      |
| WO 2001-US21066 | 20010629      |
| WO 2001-US21735 | 20010709      |
| US 1997-62250P  | 19971017 (60) |
| US 1997-64249P  | 19971103 (60) |
| US 1997-65311P  | 19971113 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1998-77450P  | 19980310 (60) |
| US 1998-77632P  | 19980311 (60) |
| US 1998-77641P  | 19980311 (60) |
| US 1998-77649P  | 19980311 (60) |
| US 1998-77791P  | 19980312 (60) |
| US 1998-78004P  | 19980313 (60) |
| US 1998-78886P  | 19980320 (60) |
| US 1998-78936P  | 19980320 (60) |
| US 1998-78910P  | 19980320 (60) |
| US 1998-78939P  | 19980320 (60) |
| US 1998-79294P  | 19980325 (60) |
| US 1998-79656P  | 19980326 (60) |
| US 1998-79664P  | 19980327 (60) |
| US 1998-79689P  | 19980327 (60) |
| US 1998-79663P  | 19980327 (60) |
| US 1998-79728P  | 19980327 (60) |
| US 1998-79786P  | 19980327 (60) |
| US 1998-79920P  | 19980330 (60) |
| US 1998-79923P  | 19980330 (60) |
| US 1998-80105P  | 19980331 (60) |
| US 1998-80107P  | 19980331 (60) |
| US 1998-80165P  | 19980331 (60) |
| US 1998-80194P  | 19980331 (60) |
| US 1998-80327P  | 19980401 (60) |
| US 1998-80328P  | 19980401 (60) |
| US 1998-80333P  | 19980401 (60) |
| US 1998-80334P  | 19980401 (60) |
| US 1998-81070P  | 19980408 (60) |
| US 1998-81049P  | 19980408 (60) |
| US 1998-81071P  | 19980408 (60) |
| US 1998-81195P  | 19980409 (60) |
| US 1998-81203P  | 19980409 (60) |
| US 1998-81229P  | 19980409 (60) |
| US 1998-81955P  | 19980415 (60) |
| US 1998-81817P  | 19980415 (60) |
| US 1998-81819P  | 19980415 (60) |
| US 1998-81952P  | 19980415 (60) |
| US 1998-81838P  | 19980415 (60) |
| US 1998-82568P  | 19980421 (60) |
| US 1998-82569P  | 19980421 (60) |
| US 1998-82704P  | 19980422 (60) |

US 1998-82804P 19980422 (60)  
 US 1998-82700P 19980422 (60)  
 US 1998-82797P 19980422 (60)  
 US 1998-82796P 19980423 (60)

DOCUMENT TYPE: Utility  
 FILE SEGMENT: APPLICATION  
 LEGAL REPRESENTATIVE: Ginger R. Dreger, Esq., Knobbe Martens Olson & Bear,  
 620 Newport Center Drive, Sixteenth Floor, Newport  
 Beach, CA, 92660

NUMBER OF CLAIMS: 57  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 237 Drawing Page(s)  
 LINE COUNT: 21732  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 2 OF 14 USPATFULL

ACCESSION NUMBER: 2002:301735 USPATFULL  
 TITLE: Secreted and transmembrane polypeptides and nucleic  
 acids encoding the same

INVENTOR(S): Ashkenazi, Avi, San Mateo, CA, UNITED STATES  
 Baker, Kevin P., Darnestown, MD, UNITED STATES  
 Botstein, David, Belmont, CA, UNITED STATES  
 Desnoyers, Luc, San Francisco, CA, UNITED STATES  
 Eaton, Dan, San Rafael, CA, UNITED STATES  
 Ferrara, Napoleone, San Francisco, CA, UNITED STATES  
 Filvaroff, Ellen, San Francisco, CA, UNITED STATES  
 Fong, Sherman, Alameda, CA, UNITED STATES  
 Gao, Wei-Qiang, Foster City, CA, UNITED STATES  
 Gerber, Hanspeter, San Francisco, CA, UNITED STATES  
 Gerritsen, Mary E., San Mateo, CA, UNITED STATES  
 Goddard, Audrey, San Francisco, CA, UNITED STATES  
 Godowski, Paul J., Burlingame, CA, UNITED STATES  
 Grimaldi, J. Christerpher, San Francisco, CA, UNITED  
 STATES  
 Gurney, Austin L., Belmont, CA, UNITED STATES  
 Hillan, Kenneth J., San Francisco, CA, UNITED STATES  
 Kljavin, Ivar J., Lafayette, CA, UNITED STATES  
 Kuo, Sophia S., San Francisco, CA, UNITED STATES  
 Napier, Mary A., Hillsborough, CA, UNITED STATES  
 Pan, James, Belmont, CA, UNITED STATES  
 Paoni, Nicholas F., Belmont, CA, UNITED STATES  
 Roy, Margaret Ann, San Francisco, CA, UNITED STATES  
 Shelton, David L., Oakland, CA, UNITED STATES  
 Stewart, Timothy A., San Francisco, CA, UNITED STATES  
 Tumas, Daniel, Orinda, CA, UNITED STATES  
 Williams, P. Mickey, Half Moon Bay, CA, UNITED STATES  
 Wood, William I., Hillsborough, CA, UNITED STATES

PATENT ASSIGNEE(S): Genentech, Inc. (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 2002169284  | A1   | 20021114     |
| APPLICATION INFO.:    | US 2001-978697   | A1   | 20011016 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1998-40220, filed on 17 Mar<br>1998, PENDING Continuation of Ser. No. US 1998-105413,<br>filed on 26 Jun 1998, PENDING Continuation of Ser. No.<br>US 1998-168978, filed on 7 Oct 1998, PENDING<br>Continuation of Ser. No. US 1998-184216, filed on 2 Nov<br>1998, ABANDONED Continuation of Ser. No. US<br>1998-187368, filed on 6 Nov 1998, PENDING Continuation<br>of Ser. No. US 1998-202054, filed on 7 Dec 1998,<br>PENDING Continuation of Ser. No. US 1998-218517, filed<br>on 22 Dec 1998, ABANDONED Continuation of Ser. No. US<br>1999-254465, filed on 5 Mar 1999, PENDING Continuation |      |              |

of Ser. No. US 1999-265686, filed on 10 Mar 1999,  
 PENDING Continuation of Ser. No. US 1981-267213, filed  
 on 26 May 1981, GRANTED, Pat. No. US 4435652  
 Continuation of Ser. No. US 1999-284291, filed on 12  
 Apr 1999, ABANDONED Continuation of Ser. No. US  
 1999-311832, filed on 14 May 1999, PENDING Continuation  
 of Ser. No. US 380137, PENDING Continuation of Ser. No.  
 US 1999-380138, filed on 25 Aug 1999, ABANDONED  
 Continuation of Ser. No. US 1999-380142, filed on 25  
 Aug 1999, ABANDONED Continuation of Ser. No. US  
 2000-709238, filed on 8 Nov 2000, PENDING Continuation  
 of Ser. No. US 2000-723749, filed on 27 Nov 2000,  
 PENDING Continuation of Ser. No. US 2000-747259, filed  
 on 20 Dec 2000, PENDING Continuation of Ser. No. US  
 2001-816744, filed on 22 Mar 2001, PENDING Continuation  
 of Ser. No. US 2001-816920, filed on 22 Mar 2001,  
 PENDING Continuation of Ser. No. US 2001-854280, filed  
 on 10 May 2001, PENDING Continuation of Ser. No. US  
 2001-854208, filed on 10 May 2001, PENDING Continuation  
 of Ser. No. US 2001-872035, filed on 1 Jun 2001,  
 PENDING Continuation of Ser. No. US 2001-874503, filed  
 on 5 Jun 2001, PENDING Continuation of Ser. No. US  
 2001-882636, filed on 14 Jun 2001, PENDING Continuation  
 of Ser. No. US 2001-886342, filed on 19 Jun 2001,  
 PENDING Continuation of Ser. No. US 2001-918585, filed  
 on 30 Jul 2001, PENDING

|                       | NUMBER          | DATE     |
|-----------------------|-----------------|----------|
| PRIORITY INFORMATION: | WO 1998-US21141 | 19981007 |
|                       | WO 1998-US24855 | 19981120 |
|                       | WO 1999-US106   | 19990105 |
|                       | WO 1999-US5028  | 19990308 |
|                       | WO 1999-US5190  | 19990310 |
|                       | WO 1999-US10733 | 19990514 |
|                       | WO 1999-US12252 | 19990602 |
|                       | WO 1999-US28313 | 19991130 |
|                       | WO 1999-US28551 | 19991202 |
|                       | WO 1999-US28565 | 19991202 |
|                       | WO 1999-US30095 | 19991216 |
|                       | WO 1999-US31243 | 19991230 |
|                       | WO 1999-US31274 | 19991230 |
|                       | WO 2000-US219   | 20000105 |
|                       | WO 2000-US277   | 20000106 |
|                       | WO 2000-US376   | 20000106 |
|                       | WO 2000-US3565  | 20000211 |
|                       | WO 2000-US4341  | 20000218 |
|                       | WO 2000-US5841  | 20000302 |
|                       | WO 2000-US7532  | 20000321 |
|                       | WO 2000-US5004  | 20000224 |
|                       | WO 2000-US6319  | 20000310 |
|                       | WO 2000-US8439  | 20000330 |
|                       | WO 2000-US13705 | 20000517 |
|                       | WO 2000-US14042 | 20000522 |
|                       | WO 2000-US14941 | 20000530 |
|                       | WO 2000-US15264 | 20000602 |
|                       | WO 2000-US20710 | 20000728 |
|                       | WO 2000-US23328 | 20000824 |
|                       | WO 2000-US32678 | 20001201 |
|                       | WO 2000-US34956 | 20001220 |
|                       | WO 2001-US6520  | 20010228 |
|                       | WO 2001-US9552  | 20010322 |
|                       | WO 2001-US17092 | 20010525 |
|                       | WO 2001-US17800 | 20010601 |

|                 |               |
|-----------------|---------------|
| WO 2001-US19692 | 20010620      |
| WO 2001-US21066 | 20010629      |
| WO 2001-US21735 | 20010709      |
| US 1997-62250P  | 19971017 (60) |
| US 1997-64249P  | 19971103 (60) |
| US 1997-65311P  | 19971113 (60) |
| US 1997-66364P  | 19971121 (60) |
| US 1998-77450P  | 19980310 (60) |
| US 1998-77632P  | 19980311 (60) |
| US 1998-77641P  | 19980311 (60) |
| US 1998-77649P  | 19980311 (60) |
| US 1998-77791P  | 19980312 (60) |
| US 1998-78004P  | 19980313 (60) |
| US 1998-78886P  | 19980320 (60) |
| US 1998-78936P  | 19980320 (60) |
| US 1998-78910P  | 19980320 (60) |
| US 1998-78939P  | 19980320 (60) |
| US 1998-79294P  | 19980325 (60) |
| US 1998-79656P  | 19980326 (60) |
| US 1998-79664P  | 19980327 (60) |
| US 1998-79689P  | 19980327 (60) |
| US 1998-79663P  | 19980327 (60) |
| US 1998-79728P  | 19980327 (60) |
| US 1998-79786P  | 19980327 (60) |
| US 1998-79920P  | 19980330 (60) |
| US 1998-79923P  | 19980330 (60) |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Ginger R. Dreger, Esq., Knobbe Martens Olson & Bear,  
Suite 1150, 201 California Street, San Francisco, CA,  
94111  
NUMBER OF CLAIMS: 57  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 237 Drawing Page(s)  
LINE COUNT: 21798  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 3 OF 14 USPATFULL  
ACCESSION NUMBER: 2002:221316 USPATFULL  
TITLE: Methods and products for analyzing polymers  
INVENTOR(S): Chan, Eugene Y., Brookline, MA, UNITED STATES

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 2002119455   | A1   | 20020829     |
| APPLICATION INFO.:    | US 2001-852968  | A1   | 20010510 (9) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1998-134411, filed on 13 Aug 1998, PATENTED |      |              |

|                       | NUMBER         | DATE          |
|-----------------------|----------------|---------------|
| PRIORITY INFORMATION: | WO 1998-US3024 | 19980211      |
|                       | US 1997-64687P | 19971105 (60) |
|                       | US 1997-37921P | 19970212 (60) |

DOCUMENT TYPE: Utility  
FILE SEGMENT: APPLICATION  
LEGAL REPRESENTATIVE: Helen C. Lockhart, Esq., Wolf, Greenfield & Sacks,  
P.C., 600 Atlantic Avenue, Boston, MA, 02210  
NUMBER OF CLAIMS: 159  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 10 Drawing Page(s)  
LINE COUNT: 6864  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 14 USPATFULL

ACCESSION NUMBER: 2002:105925 USPATFULL  
TITLE: Method and product for regulating apoptosis  
INVENTOR(S): Johnson, Gary L., Boulder, CO, UNITED STATES  
PATENT ASSIGNEE(S): National Jewish Center for Immunology and Respiratory  
Medicine (U.S. corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 2002055130   | A1   | 20020509     |
| APPLICATION INFO.:    | US 2001-858754  | A1   | 20010516 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. US 1998-23130, filed on 13 Feb 1998, ABANDONED |      |              |

|  | NUMBER   | DATE          |
|--|--|---------------|
| PRIORITY INFORMATION:                      | US 1997-39740P   | 19970214 (60) |
| DOCUMENT TYPE:                             | Utility  |               |
| FILE SEGMENT:                              | APPLICATION  |               |
| LEGAL REPRESENTATIVE:                      | LAHIVE & COCKFIELD, 28 STATE STREET, BOSTON, MA, 02109 |               |
| NUMBER OF CLAIMS:                          | 39   |               |
| EXEMPLARY CLAIM:                           | 1  |               |
| NUMBER OF DRAWINGS:                        | 22 Drawing Page(s)                                     |               |
| LINE COUNT:                                | 6845   |               |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |               |

L9 ANSWER 5 OF 14 USPATFULL

ACCESSION NUMBER: 2002:50774 USPATFULL  
TITLE: Methods and products for analyzing polymers  
INVENTOR(S): Chan, Eugene Y., Brookline, MA, United States  
PATENT ASSIGNEE(S): US Genomics, Woburn, MA, United States (U.S. corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 6355420  | B1   | 20020312     |
| APPLICATION INFO.:    | US 1998-134411  |      | 19980813 (9) |
| RELATED APPLN. INFO.: | Continuation of Ser. No. WO 1998-US3024, filed on 11 Feb 1998 |      |              |

|  | NUMBER                                   | DATE          |
|--|--|---------------|
| PRIORITY INFORMATION:                      | US 1997-37921P                           | 19970212 (60) |
|  | US 1997-64687P                           | 19971105 (60) |
| DOCUMENT TYPE:                             | Utility                                  |               |
| FILE SEGMENT:                              | GRANTED                                  |               |
| PRIMARY EXAMINER:                          | Jones, W. Gary                           |               |
| ASSISTANT EXAMINER:                        | Taylor, Janell E.                        |               |
| LEGAL REPRESENTATIVE:                      | Wolf, Greenfield & Sacks, P.C.           |               |
| NUMBER OF CLAIMS:                          | 123                                      |               |
| EXEMPLARY CLAIM:                           | 1  |               |
| NUMBER OF DRAWINGS:                        | 15 Drawing Figure(s); 10 Drawing Page(s) |               |
| LINE COUNT:                                | 6818                                     |               |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |               |

L9 ANSWER 6 OF 14 USPATFULL

ACCESSION NUMBER: 2001:235103 USPATFULL  
TITLE: Method and product for regulating cell responsiveness to external signals  
INVENTOR(S): Johnson, Gary L., Boulder, CO, United States  
PATENT ASSIGNEE(S): National Jewish Center for Immunology and Respiratory Medicine, Denver, CO, United States (U.S. corporation)

| NUMBER | KIND | DATE |
|--------|------|------|
|--------|------|------|

PATENT INFORMATION: US 6333170 B1 20011225  
 APPLICATION INFO.: US 1996-628829 19960405 (8)  
 RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1995-440421, filed on 12 May 1995, now abandoned Continuation-in-part of Ser. No. US 1994-323460, filed on 14 Oct 1994, now patented, Pat. No. US 5854043 Continuation-in-part of Ser. No. US 1993-49254, filed on 15 Apr 1993, now patented, Pat. No. US 5405941, said Ser. No. US 440421 Continuation-in-part of Ser. No. US 1993-49254, filed on 15 Apr 1993, now patented, Pat. No. US 5405941, said Ser. No. US 628829 Continuation-in-part of Ser. No. US 1995-410602, filed on 24 Mar 1995, now abandoned Continuation-in-part of Ser. No. US 1995-472934, filed on 6 Jun 1995, now patented, Pat. No. US 5753446  
 DOCUMENT TYPE: Utility  
 FILE SEGMENT: GRANTED  
 PRIMARY EXAMINER: Kemmerer, Elizabeth  
 ASSISTANT EXAMINER: Basi, Nirmal S.  
 LEGAL REPRESENTATIVE: Lahive & Cockfield, LLP, DeConti, Jr., Esq., Guilio A., Lauro, Esq., Peter C.  
 NUMBER OF CLAIMS: 16  
 EXEMPLARY CLAIM: 1  
 NUMBER OF DRAWINGS: 40 Drawing Figure(s); 30 Drawing Page(s)  
 LINE COUNT: 6027  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 14 USPATFULL  
 ACCESSION NUMBER: 2001:218188 USPATFULL  
 TITLE: Integrated sequencing device  
 INVENTOR(S): Laugharn, James A., JR., Winchester, MA, United States  
 Hess, Robert A., Cambridge, MA, United States  
 PATENT ASSIGNEE(S): BBI BioSeq, Inc., Massachusetts corporation (U.S. corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 2001046676   | A1   | 20011129     |
| APPLICATION INFO.:                         | US 6448065  | B2   | 20020910     |
| RELATED APPLN. INFO.:                      | US 2001-812262  | A1   | 20010319 (9) |
|  | Division of Ser. No. US 1997-903615, filed on 30 Jul 1997, GRANTED, Pat. No. US 6245506 |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | APPLICATION   |      |              |
| LEGAL REPRESENTATIVE:                      | JOHN W. FREEMAN, 225 Franklin Street, Boston, MA, 02110                                 |      |              |
| NUMBER OF CLAIMS:                          | 70  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 5 Drawing Page(s)   |      |              |
| LINE COUNT:                                | 1070  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |

L9 ANSWER 8 OF 14 USPATFULL  
 ACCESSION NUMBER: 2001:165580 USPATFULL  
 TITLE: DNA base sequencing system  
 INVENTOR(S): Kambara, Hideki, Hachioji, Japan  
 Zhou, Guohua, Koganei, Japan  
 Miyahara, Yuji, Kodaira, Japan  
 PATENT ASSIGNEE(S): Hitachi, Ltd. (non-U.S. corporation)

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 2001024790  | A1   | 20010927     |
| APPLICATION INFO.:  | US 2001-805240 | A1   | 20010314 (9) |



|  | NUMBER   | DATE     |
|--|--|----------|
| PRIORITY INFORMATION:                      | JP 2000-75384  | 20000317 |
| DOCUMENT TYPE:                             | Utility  |          |
| FILE SEGMENT:                              | APPLICATION  |          |
| LEGAL REPRESENTATIVE:                      | Stanley P. Fisher, Reed Smith Hazel & Thomas LLP, Suite 1400, 3110 Fairview Park Drive, Falls Church, VA, 22042-4503 |          |
| NUMBER OF CLAIMS:                          | 26   |          |
| EXEMPLARY CLAIM:                           | 1  |          |
| NUMBER OF DRAWINGS:                        | 9 Drawing Page(s)  |          |
| LINE COUNT:                                | 956  |          |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |          |

L9 ANSWER 9 OF 14 USPATFULL

ACCESSION NUMBER: 2001:86209 USPATFULL

TITLE: Integrated sequencing device

INVENTOR(S): Laugharn, Jr., James A., Winchester, MA, United States  
Hess, Robert A., Cambridge, MA, United States

PATENT ASSIGNEE(S): BBI Bioseq, Inc., West Bridgewater, MA, United States  
(U.S. corporation)

|  | NUMBER                                 | KIND | DATE         |
|--|--|------|--------------|
| PATENT INFORMATION:                        | US 6245506                             | B1   | 20010612     |
| APPLICATION INFO.:                         | US 1997-903615                         |      | 19970730 (8) |
| DOCUMENT TYPE:                             | Utility                                |      |              |
| FILE SEGMENT:                              | GRANTED                                |      |              |
| PRIMARY EXAMINER:                          | Horlick, Kenneth R.                    |      |              |
| ASSISTANT EXAMINER:                        | Siew, Jeffrey                          |      |              |
| LEGAL REPRESENTATIVE:                      | Fish & Richardson P.C.                 |      |              |
| NUMBER OF CLAIMS:                          | 47                                     |      |              |
| EXEMPLARY CLAIM:                           | 1                                      |      |              |
| NUMBER OF DRAWINGS:                        | 7 Drawing Figure(s); 5 Drawing Page(s) |      |              |
| LINE COUNT:                                | 1213                                   |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |  |      |              |

L9 ANSWER 10 OF 14 USPATFULL

ACCESSION NUMBER: 2001:78898 USPATFULL

TITLE: **DNA sequences** by mass spectrometry

INVENTOR(S): Koster, Hubert, La Jolla, CA, United States

PATENT ASSIGNEE(S): Sequenom, Inc., San Diego, CA, United States (U.S. corporation)

|  | NUMBER  | KIND | DATE         |
|--|---|------|--------------|
| PATENT INFORMATION:                        | US 6238871  | B1   | 20010529     |
| APPLICATION INFO.:                         | US 2000-566591  |      | 20000508 (9) |
| RELATED APPLN. INFO.:                      | Continuation of Ser. No. US 1996-617010, filed on 18 Mar 1996 Continuation-in-part of Ser. No. US 1994-178216, filed on 6 Jan 1994, now patented, Pat. No. US 5547835 Continuation-in-part of Ser. No. US 1993-1323, filed on 7 Jan 1993, now abandoned |      |              |
| DOCUMENT TYPE:                             | Utility   |      |              |
| FILE SEGMENT:                              | Granted   |      |              |
| PRIMARY EXAMINER:                          | Jones, W. Gary  |      |              |
| ASSISTANT EXAMINER:                        | Lu, Frank   |      |              |
| LEGAL REPRESENTATIVE:                      | Seidman, Stephanie L.Heller Ehrman White & McAuliffe LLP  |      |              |
| NUMBER OF CLAIMS:                          | 33  |      |              |
| EXEMPLARY CLAIM:                           | 1   |      |              |
| NUMBER OF DRAWINGS:                        | 71 Drawing Figure(s); 55 Drawing Page(s)  |      |              |
| LINE COUNT:                                | 3456  |      |              |
| CAS INDEXING IS AVAILABLE FOR THIS PATENT. |   |      |              |

L9 ANSWER 11 OF 14 USPATFULL

ACCESSION NUMBER: 2001:63827 USPATFULL  
TITLE: DNA sequencing by mass spectrometry  
INVENTOR(S): Koster, Hubert, Concord, MA, United States  
PATENT ASSIGNEE(S): Sequenom, Inc., San Diego, CA, United States (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 6225450   | B1   | 20010501     |
| APPLICATION INFO.:    | US 1995-481033   |      | 19950607 (8) |
| RELATED APPLN. INFO.: | Division of Ser. No. US 1994-178216, filed on 6 Jan 1994, now patented, Pat. No. US 5547835<br>Continuation-in-part of Ser. No. US 1993-1323, filed on 7 Jan 1993, now abandoned |      |              |
| DOCUMENT TYPE:        | Utility  |      |              |
| FILE SEGMENT:         | Granted  |      |              |
| PRIMARY EXAMINER:     | Riley, Jezia   |      |              |
| LEGAL REPRESENTATIVE: | Seidman, Stephanie L.Heller Ehrman White & McAuliffe LLP   |      |              |
| NUMBER OF CLAIMS:     | 42   |      |              |
| EXEMPLARY CLAIM:      | 1  |      |              |
| NUMBER OF DRAWINGS:   | 43 Drawing Figure(s); 36 Drawing Page(s)   |      |              |
| LINE COUNT:           | 2674   |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 12 OF 14 USPATFULL

ACCESSION NUMBER: 2001:29297 USPATFULL  
TITLE: DNA sequencing by mass spectrometry  
INVENTOR(S): Koster, Hubert, La Jolla, CA, United States  
PATENT ASSIGNEE(S): Sequenom, Inc., San Diego, CA, United States (U.S. corporation)

|                       | NUMBER   | KIND | DATE         |
|-----------------------|--|------|--------------|
| PATENT INFORMATION:   | US 6194144   | B1   | 20010227     |
| APPLICATION INFO.:    | US 1996-617010   |      | 19960318 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1994-178216, filed on 6 Jan 1994, now patented, Pat. No. US 5547835<br>Continuation-in-part of Ser. No. US 1993-1323, filed on 7 Jan 1993, now abandoned |      |              |
| DOCUMENT TYPE:        | Utility  |      |              |
| FILE SEGMENT:         | Granted  |      |              |
| PRIMARY EXAMINER:     | Horlick, Kenneth R.  |      |              |
| LEGAL REPRESENTATIVE: | Seidman, Stephanie L.Heller Ehrman White & McAuliffe LLP   |      |              |
| NUMBER OF CLAIMS:     | 65   |      |              |
| EXEMPLARY CLAIM:      | 1  |      |              |
| NUMBER OF DRAWINGS:   | 71 Drawing Figure(s); 55 Drawing Page(s)   |      |              |
| LINE COUNT:           | 3527   |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 13 OF 14 USPATFULL

ACCESSION NUMBER: 97:109705 USPATFULL  
TITLE: DNA sequencing by mass spectrometry  
INVENTOR(S): Koster, Hubert, Concord, MA, United States  
PATENT ASSIGNEE(S): Sequenom, Inc., Boston, MA, United States (U.S. corporation)

|                     | NUMBER         | KIND | DATE         |
|---------------------|----------------|------|--------------|
| PATENT INFORMATION: | US 5691141     |      | 19971125     |
| APPLICATION INFO.:  | US 1995-470123 |      | 19950606 (8) |

RELATED APPLN. INFO.: Division of Ser. No. US 1994-178216, filed on 6 Jan 1994, now patented, Pat. No. US 5547835 which is a continuation-in-part of Ser. No. US 1993-1323, filed on 7 Jan 1993, now abandoned

DOCUMENT TYPE: Utility  
FILE SEGMENT: Granted  
PRIMARY EXAMINER: Jones, W. Gary  
ASSISTANT EXAMINER: Tran, Paul B.  
LEGAL REPRESENTATIVE: Foley, Hoag & Eliot LLP, Arnold, Beth E.  
NUMBER OF CLAIMS: 26  
EXEMPLARY CLAIM: 1  
NUMBER OF DRAWINGS: 43 Drawing Figure(s); 36 Drawing Page(s)  
LINE COUNT: 2195  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 14 OF 14 USPATFULL  
ACCESSION NUMBER: 96:75283 USPATFULL  
TITLE: DNA sequencing by mass spectrometry  
INVENTOR(S): Koster, Hubert, Concord, MA, United States  
PATENT ASSIGNEE(S): Sequenom, Inc., Boston, MA, United States (U.S. corporation)

|                       | NUMBER  | KIND | DATE         |
|-----------------------|---|------|--------------|
| PATENT INFORMATION:   | US 5547835  |      | 19960820     |
| APPLICATION INFO.:    | US 1994-178216  |      | 19940106 (8) |
| RELATED APPLN. INFO.: | Continuation-in-part of Ser. No. US 1993-1323, filed on 7 Jan 1993, now abandoned |      |              |
| DOCUMENT TYPE:        | Utility   |      |              |
| FILE SEGMENT:         | Granted   |      |              |
| PRIMARY EXAMINER:     | Jones, W. Gary  |      |              |
| ASSISTANT EXAMINER:   | Tran, Paul B.   |      |              |
| LEGAL REPRESENTATIVE: | Lahive & Cockfield  |      |              |
| NUMBER OF CLAIMS:     | 42  |      |              |
| EXEMPLARY CLAIM:      | 1   |      |              |
| NUMBER OF DRAWINGS:   | 43 Drawing Figure(s); 36 Drawing Page(s)  |      |              |
| LINE COUNT:           | 2211  |      |              |

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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